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(71) Applicant (*for all designated States except US*): **KØBENHAVNS UNIVERSITET** [DK/DK]; Nørregade 10, P.O. Box 2177, DK-1017 Copenhagen K (DK).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **CHRISTOFFERSEN, Jørgen** [DK/DK]; Horsbred 187, DK-2625 Vallensbæk (DK). **CHRISTOFFERSEN, Margaret, Ruth** [DK/DK]; Horsbred 187, DK-2625 Vallensbæk (DK).

(74) Agent: **PLOUGMANN & VINGTOFT A/S**; Sundkrogs-gade 9, P.O. Box 831, DK-2100 Copenhagen (DK).

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(54) Title: **USE OF BISPHOSPHONIC ACID DERIVATIVES FOR THE TREATMENT OF CALCIUM PHROSPHATED DEPOSITION DISEASE AND DENTAL TREATMENT**

(57) Abstract: Use of bisphosphonic acid derivatives for the preparation of a medicament for the treatment of calcium pyrophosphate deposition disease (CPDD) primarily pseudogout and chondrocalcinosis, in a mammal. More specifically, the present invention relates to the use of bisphosphonic acid derivatives, said derivatives being especially adapted to be administered to subjects suffering from CPDD. The invention also relates to the use of bisphosphonic acid derivatives for the prevention or treatment of caries, such as secondary caries.

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# INTERNATIONAL SEARCH REPORT

International Application No  
**PCT/DK 03/00361**

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 A61K31/663**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 A61K**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  
**EP0-Internal**

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 973 576 A (SAKAMOTO SHUICHI ET AL) 27 November 1990 (1990-11-27) see especially column 8 ---	1-34
X	US 3 959 458 A (AGRICOLA FRANCIS OSWALD ET AL) 25 May 1976 (1976-05-25) the whole document ---	1-34
X	US 4 814 326 A (ROSINI SERGIO ET AL) 21 March 1989 (1989-03-21) see especially column 2, lines 36-46 ---	1-34
X	US 5 220 021 A (DUNN COLIN J ET AL) 15 June 1993 (1993-06-15) see especially column 3, lines 38-55 --- -/--	1-34

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

**GÖRAN KARLSSON / EÖ**

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>OFELIA MUNIZ ET AL: "NTP Pyrophosphohydrolase in human chondrocalcinotic and osteoarthritic cartilage" ARTHRITIS AND RHEUMATISM, vol. 27, no. 2, February 1984 (1984-02), pages 186-192, XP002252854 the whole document -----</p>	1-34

Information on patent family members

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